

SPOT_DESC file

IMAGERY DESCRIPTION

The SPOTVIEW product consists of panchromatic (black and white); terrain-corrected mosaics of selected SPOT scenes, with 10-meter pixel size.

Typically, each of these images covers an area of 16 USGS 7.5' quads (a block of 4x4 quads, with odd-shaped blocks along the coast and Nevada border). Each image is named with an abbreviation of the name of the northwestern-most quad in the block.

INTENDED USE

SPOTVIEW images are an excellent data source for updating land cover information. The 10-meter pixel size in black and white makes it possible to detect land cover changes at a level of detail comparable to USGS 7.5-minute, 1:24,000-scale quadrangle maps, such as developed areas, roads, timber harvest areas, and large water bodies.

DATA QUALITY ASSESSMENT

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An example of an image header file is shown below. Remarks are added following the ** characters:

(example) IMAGE INFORMATION

DELTA_X_ORIGIN		
DELTA_Y_ORIGIN		
MAPUNITS	Meters	
ULXMAP	-99580.00	** Albers coordinates of upper left
ULYMAP	-278170.00	** corner of image
XDIM	10.0 M	** pixel size is 10 x 10 meters
YDIM	10.0 M	
NCOLS	5502	** number of pixels in a scan line
NROWS	5783	** number of scan lines
NBANDS	1	** image is black and white only

(example) FILE ENCODING INFORMATION

NBITS	8	** range of brightness is 0 - 255
BYTEORDER	I	
SKIPBYTES	0	
RECORDSKIPBYTES	0	
BANDROWBYTES	5502	
TOTALROWBYTES	5502	
LAYOUT	BIL	** Band Interleave by Line
BAND_RGB	111	

(example) PRE-PROCESSING INFORMATION

PRE-PROCESSING LEVEL "3A"

Metadata date: June 26, 2001